



HIV/AIDS, STD & TB Prevention WEST VIRGINIA

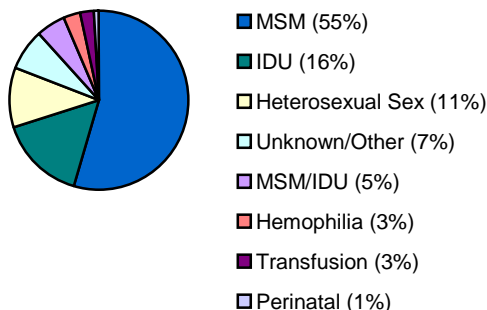
HIV/AIDS Epidemic

West Virginia reported 1,352 cumulative AIDS cases to CDC as of December 2003.

Cumulative AIDS Reported Cases by Mode of Exposure, through June 2004

N = 1,359

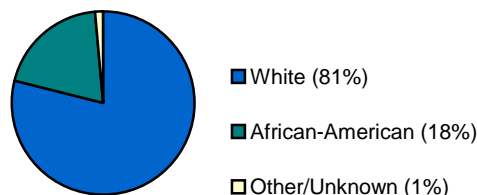
SOURCE: West Virginia Bureau for Public Health



Cumulative AIDS Reported Cases by Race/Ethnicity, through June 2004

N = 1,359

SOURCE: West Virginia Bureau for Public Health



Sexually Transmitted Diseases (STDs)

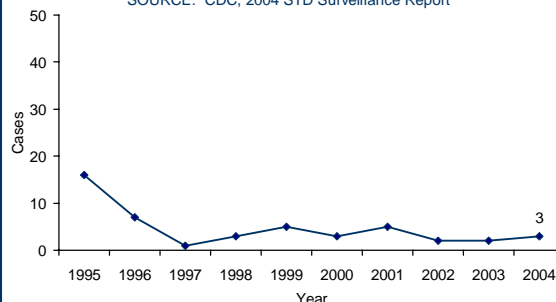
Syphilis

Primary and secondary (P&S) syphilis (the stages when syphilis is most infectious) remains a problem in the southern U.S. and some urban areas. In West Virginia, the rate of P&S syphilis decreased 78% from 1995-2004.

- West Virginia ranked 46th among the 50 states with 0.2 cases of P&S syphilis per 100,000 persons.
- There were no cases of congenital syphilis reported from 1995 to 2004 in West Virginia.

P&S Syphilis Cases in West Virginia, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report



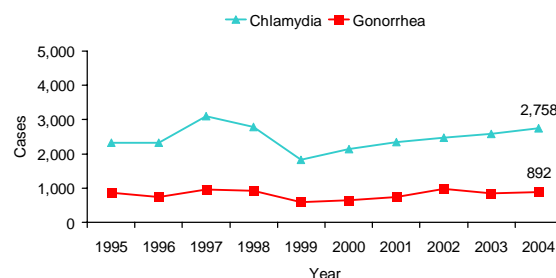
Chlamydia and Gonorrhea

Chlamydial and gonorrheal infections in women are usually asymptomatic and often go undiagnosed. Untreated, these infections can lead to pelvic inflammatory disease (PID), which can cause tubal infertility, ectopic pregnancy, and chronic pelvic pain.

- West Virginia ranked 49th among the 50 states in chlamydial infections (152.3 per 100,000 persons) and 37th in the rate of gonorrhea infections (49.3 per 100,000 persons).
- Rates of chlamydia among West Virginia women (227 cases per 100,000 females) were 3.1 times higher than those among West Virginia men (73.5 cases per 100,000 males).

Chlamydia and Gonorrhea Cases in West Virginia, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report

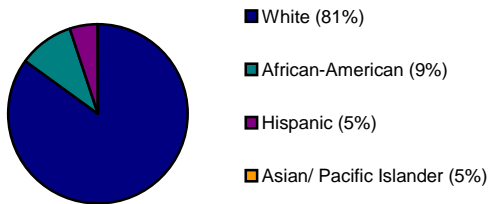


Tuberculosis (TB)

TB Cases by Race/Ethnicity, through 2003

N = 21

SOURCE: CDC, 2003 TB Surveillance Report



Although rates of tuberculosis (TB) infection in the U.S. have declined substantially since 1992, rates among foreign-born persons continued to increase. In 2003, West Virginia reported

- ❑ The 44th highest rate of TB in the U.S.
- ❑ A total of 21 TB cases with 81% affecting Whites and 9% affecting African Americans. In all, about 10% were among foreign-born persons.

Program Initiatives Supported by CDC

Human Immunodeficiency Virus (HIV/AIDS)

The West Virginia Bureau of Public Health provides HIV/AIDS prevention through health education, training, risk reduction promotion, and resource distribution to service providers and at-risk individuals. Prevention activities are accomplished through technical assistance consultation, conferences and workshops, media campaigns, community-based organizations and community planning groups, peer youth education, HIV counseling and testing at AIDS Prevention Centers, and a statewide AIDS hotline.

Sexually Transmitted Diseases (STDs)

The STD Program has an effective urine-based screening program for chlamydia and gonorrhea. In an effort to address STD transmission at the community level, they began testing individuals for chlamydia and gonorrhea infection at various community locations throughout the state. A total of 1,846 individuals were tested during the first six months of 2005, with 17.1% (315) positive for chlamydia and 3.3% (61) positive for gonorrhea.

Tuberculosis (TB)

In 2000 West Virginia, already a state with a relatively low incidence of tuberculosis, implemented a Low Incidence Project to further decrease the incidence of TB. Although the funding for the project has ended, West Virginia continues most of the major activities associated with the project: active TB surveillance, all mycobacterium tuberculosis strains from culture-positive TB cases are collected for routine fingerprint analysis at regional laboratories, and case management is done to assure the administration of appropriate TB therapy under direct observation. In addition, the state is making efforts to reduce TB skin testing of low-risk individuals in an effort to focus more time and resources on higher priority activities.

National Center for HIV, STDs & TB Prevention Funding to West Virginia, 2005 (US\$)

HIV/AIDS	\$953,304
STDs	\$834,133
TB	\$274,518

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